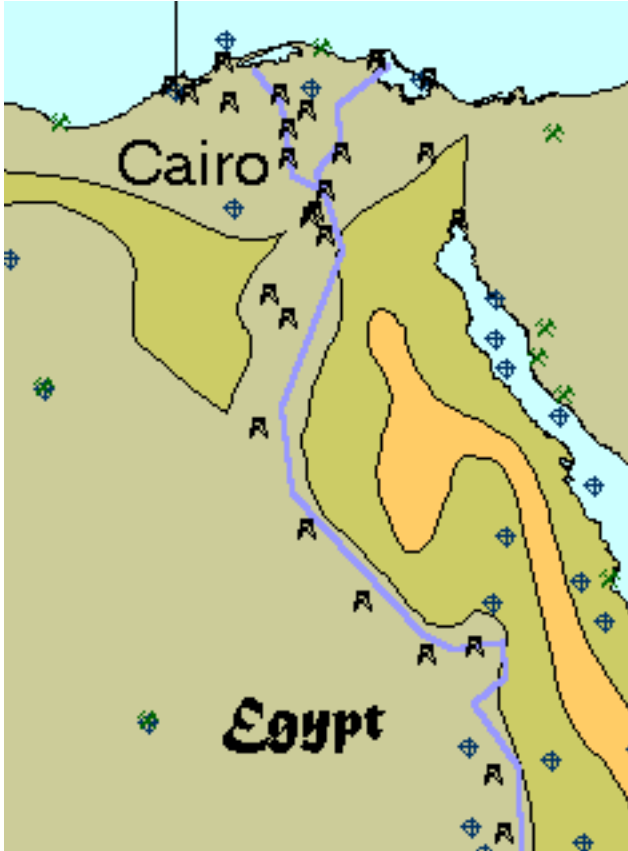


Africa Physical and Cultural Geography Project, Using Published Maps, Activity 3

Instructions for Students

Goal: Understand the interrelationships among *resources, the human environment, and the physical environment* of Africa.



Sources used in this assignment:

Rand McNally Classroom Atlas. 1997. ISBN 528-17729-X.

Rand McNally Goode's World Atlas. 1995. 19th Edition. LC Catalog Card Number 94-68645.

World Geography Today. 1997. Holt, Rinehart, and Winston. Austin: Harcourt Brace and Company.
ISBN 0-03-016802-3.

Step 1. Examine the following maps:

From the *Classroom Atlas*:

Africa political map, page 75.

Africa physical map, page 74.

From *Goode's World Atlas*:

World copper mining map, page 46.

Africa landforms map, page 206.

Africa cities and elevation, pages 210-213.

From *World Geography Today*:

Africa population map, page 419.

Africa economy map, page 420.

Pipeline map, below:



Step 2. Answer the following questions using these maps:

A) Notice the pipelines in north and west Africa, comparing them to the pipelines in east Africa. How would you determine which pipelines are being used to import oil and which pipelines are being used to export oil?

B) Name three countries that are using pipelines to export oil:

Name three countries that are using pipelines to import oil:

C) Notice the oil deposit in central Sudan. Give two possible hypotheses as to why this oil deposit is not connected to a pipeline.

Step 3. Look at the type of material mined at any three sites in different countries, being sure to list the country as well.

Is there any correlation between the type of relief and very large mineral deposits? Explain what you found.

Why are different mineral deposits found in different relief forms?

Step 4. Look at population density and manufacturing.

A) Is there a correlation between manufacturing and population density? What is it? Give one hypothesis why.

B) Analyze several specific countries to see this correlation in more detail. At a larger scale, does the correlation hold true?

Step 5. Examine coal, uranium, copper, gold, oil, and diamonds.

A) Explain three things you notice about the patterns on the map.

Save your project, and Exit ArcView.

***** End of Africa Activity 3 *****

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URL:<http://rockyweb.cr.usgs.gov/outreach/africa/act3non.html>

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